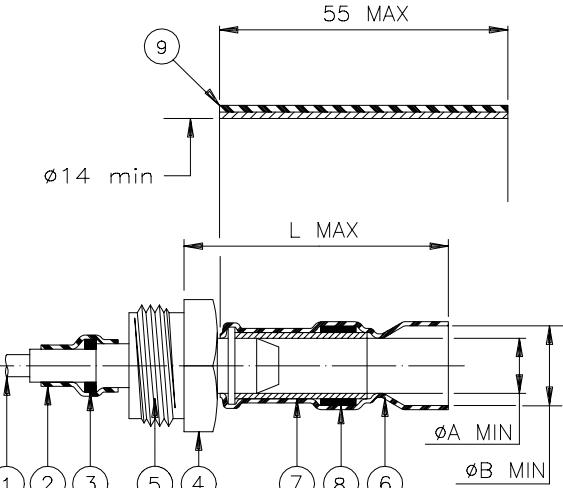


SPECIFICATION CONTROL DRAWING

xx	DESIGNATION	25.4 MAX	SCALE: NONE
00	STRAIGHT PLUG		
01	ANGLE PLUG		MALE 11 10
02	STRAIGHT BULKHEAD JACK		
03	STRAIGHT JACK		FEMALE 11 10
04	STRAIGHT PANEL JACK		



FOR EXAMPLE: RBD-50-P-00

PRODUCT DIMENSIONS			CABLE DIMENSIONS			
L MAX	ØA MIN	ØB MIN	ØD MAX	ØF MAX	ØE	ØG
31	5.1	7.2	1.25	3.7	2.1/5.0	3.5/7.0

MATERIAL:

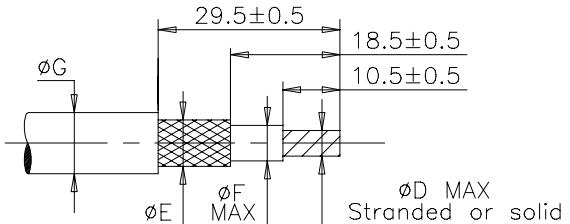
1. CENTER CONTACT: GOLD PLATED BRASS (MALE) OR GOLD BERYLLIUM COPPER (FEMALE).
- 2,6. HEAT SHRINKABLE INSULATION SLEEVE, TRANSPARENT BLUE: RADIATION CROSS-LINKED MODIFIED POLYVINYLDENE FLOURIDE.
3. SOLDER PREFORM: Sn63 Pb37 SOLDER ALLOY WITH MILDLY ACTIVATED ROSIN FLUX.
4. THREADED TRANSITION PART: SILVER PLATED BRASS.
5. INSULATOR: PTFE.
7. SOLDERSHIELD* DEVICE: TIN PLATED COPPER BRAID WITH ACTIVATED ROSIN FLUX.
8. SOLDER PREFORM: Sn63 Pb37 SOLDER ALLOY WITH MILDLY ACTIVATED ROSIN FLUX.
9. HEAT SHRINKABLE INSULATION SLEEVE, BLACK: RADIATION CROSS-LINKED MODIFIED POLYOLEFIN WITH ADHESIVE.
10. INSULATOR (EXCEPT FOR ANGLE PLUG): PTFE.
11. BODY: NICKEL PLATED BRASS.

APPLICATION:

1. THESE CONTROLLED SOLDERING DEVICES ARE DESIGNED TO CONNECT, WITH A MIL-C-390128 BNC INTERMATEABLE PART A 50Ω SINGLE OR DOUBLE BRAIDED COAXIAL HAVING A:
 - TIN OR SILVER PLATED COPPER OUTER CONDUCTOR.
 - TIN OR SILVER PLATED INNER CONDUCTOR.
 AND INSULATION RATED FOR AT LEAST +85°C.
2. TEMPERATURE RANGE:
 - * WITH BLACK SLEEVE: -55°C TO +100°C.
 - * WITHOUT BLACK SLEEVE: -55°C TO 150°C.
3. FOR INSTALLATION PROCEDURE AND APPLICATION EQUIPMENT, CONSULT EITHER RPIP-683-00 OR RPIP-683-00-D.

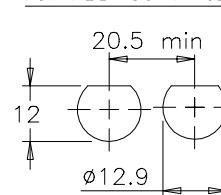
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FOR BEST RESULTS, PREPARE THE CABLE AS SHOWN:

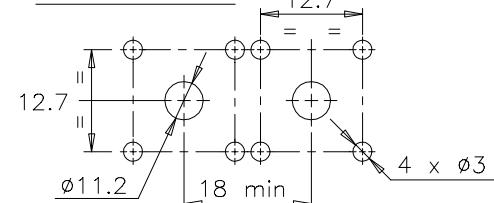


Panel thickness: 3.2 MAX

For RBD-50-P-02



For RBD-50-P-04

**Raychem**THERMOFIT
DEVICESRaychem Corporation
300 Constitution Drive
Menlo Park, CA 94025TITLE: ONE STEP RF CONNECTOR
50Ω BNC

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS.

TOLERANCES: ANGLES: 0.00
0.0
0RAYCHEM RESERVES THE RIGHT TO AMEND
THIS DRAWING AT ANY TIME. USERS SHOULD
EVALUATE THE SUITABILITY OF THE PRODUCT
FOR THEIR APPLICATION.

DOCUMENT NO:

RBD-50-P-XX

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[RBD-50-P-03](#)